

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>MST-2390.1</b>		Application Number <b>10/575,300</b>	
				Applicant(s) <b>Matthias Ebert et al.</b>			
				Filing Date <b>April 12, 2006</b>		Group Art Unit	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SA		5,387,676	02/07/95	Zavada et al.	536	23.5	10/21/92
		5,989,838	11/23/99	Zavada et al.	435	7.23	06/07/95
		6,004,535	12/21/99	Zavada et al.	424	9.34	11/07/94

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		WO 03/089659	10/30/03		C12Q 1	00		

OTHER DOCUMENTS		<i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
SA		Ashida et al., "Effects of von Hippel-Lindau gene mutation and methylation status on expression of transmembrane carbonic anhydrases in renal cell carcinoma," <u>J Cancer Res Clin Oncol</u> 128: 561-568 (2002)
		Brewer et al., "A Study of Biomarkers in Cervical Carcinoma and Clinical Correlation of the Novel Biomarker MN," <u>Gynecologic Oncology</u> 63: 337-344 (1996)



EXAMINER 	DATE CONSIDERED <b>5/2/07</b>
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	Bui et al., "Carbonic Anhydrase IX Is an Independent Predictor of Survival in Advanced Renal Clear Cell Carcinoma: Implications for Prognosis and Therapy," <u>Clin. Cancer Res.</u> , 9: 802-811 (2003)
	Chen et al., "Expression of CA9 at the invasion front of gastric cancers," <u>Gut</u> , 54(7): 920-927 (2005)
	Chia et al., "Prognostic significance of a novel hypoxia-regulated marker, carbonic anhydrase IX, in invasive breast carcinoma," <u>J Clin Oncol</u> , 19: 3660-3668 (2001)
	Cho et al., "Hypomethylation of the MN/CA9 promoter and upregulated MN/CA9 expression in human renal cell carcinoma," <u>Br J Cancer</u> , 85: 563-567 (2001)
	Chrastina et al., "Biodistribution and pharmacokinetics of 125I-labeled monoclonal antibody M75 specific for carbonic anhydrase IX, an intrinsic marker of hypoxia, in nude mice xenografted with human colorectal carcinoma." <u>Int J Cancer</u> , 105(6): 873-881 (2003)
	Giatromanolaki et al. "Expression of hypoxia-inducible carbonic anhydrase-9 relates to angiogenic pathways and independently to poor outcome in non-small cell lung cancer," <u>Cancer Res</u> , 61:7992-7998 (2001)
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	Karhumaa et al., "Expression of the transmembrane carbonic anhydrases, CA IX and CA XII, in the human male excurrent ducts," <u>Mol Hum Reprod</u> , 7: 611-616 (2001)
	Kivela et al., "Differential expression of cytoplasmic carbonic anhydrases, CA I and II, and membrane-associated isozymes, CA IX and XII, in normal mucosa of large intestine and in colorectal tumors." <u>Dig Dis Sci</u> , 46(10): 2179-2186 (2001)
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	Koukourakis et al., "Hypoxia-regulated carbonic anhydrase-9 (CA9) relates to poor vascularization and resistance of squamous cell head and neck cancer to chemoradiotherapy," <u>Clin Cancer Res</u> , 7: 3399-3403 (2001)
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	Leppilampi et al., "Carbonic anhydrase isozymes IX and XII in gastric tumors," <u>World J Gastroenterol</u> , 9: 1398-1403 (2003)
	Liao et al. "Identification of the MN antigen as a diagnostic biomarker of cervical intraepithelial neoplasia and cervical carcinoma," <u>Am J Pathol</u> , 145: 598-609 (1994)
	Loncaster et al., "Carbonic anhydrase expression, a potential new intrinsic marker of hypoxia: correlations with tumor oxygen measurements and prognosis in locally advanced carcinoma of the cervix," <u>Cancer Res</u> , 61: 6394-6399 (2001)
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	Nishimori et al., "Carbonic anhydrase in human pancreas: hypotheses for the pathophysiological roles of CA isozymes." <u>Ann N Y Acad Sci</u> , 880: 5-16 (1999)
	Ortova Gut et al., "Gastric hyperplasia in mice with targeted disruption of the carbonic anhydrase gene Car9," <u>Gastroenterology</u> , 123: 1889-1903 (2002)
	Parkkila and Parkkila, "Carbonic anhydrase in the alimentary tract. Roles of the different isozymes and salivary factors in the maintenance of optimal conditions in the gastrointestinal canal," <u>Scand J Gastroenterol</u> , 31: 305-317 (1996)
	Parkkila et al., "Carbonic anhydrase inhibitor suppresses invasion of renal cancer cells in vitro," <u>Proc Natl Acad Sci (USA)</u> , 97: 2220-2224 (2000)
	Pastorek et al., "Cloning and characterization of MN, a human tumor-associated protein with a domain homologous to carbonic anhydrase and a putative helix-loop-helix DNA binding segment," <u>Oncogene</u> , 9: 2877-2888 (1994)
	Pastorekova and Zavada, "Carbonic anhydrase IX (CA IX) as a potential target for cancer therapy," <u>Cancer Therapy</u> , 2: 245-262 (2004)
Pastorekova et al., "A Novel Quasi-viral Agent, MaTu, Is a Two-Component System," <u>Virology</u> , 187: 620-626 (1992)	
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	Potter and Harris, "Diagnostic, prognostic and therapeutic implications of carbonic anhydrases in cancer," <u>Br J Cancer</u> , 89: 2-7 (2003)
	Risio, M., "Cell proliferation in colorectal tumor progression: an immunohistochemical approach to intermediate biomarkers," <u>J. Cell Biochem</u> , 16C: 79-87 (1992)
	Saarnio et al., "Immunohistochemical study of colorectal tumors for expression of a novel transmembrane carbonic anhydrase, MN/CA IX, with potential value as a marker of cell proliferation," <u>Am J Pathol</u> , 153: 279-285 (1998)
	Saarnio et al., "Transmembrane carbonic anhydrase, MN/CA IX, is a potential biomarker for biliary tumors," <u>J Hepatol</u> , 35: 643-649 (2001)
	Swinson et al., "Carbonic anhydrase IX expression, a novel surrogate marker of tumor hypoxia is associated with a poor prognosis in non-small cell lung cancer," <u>J Clin Oncol</u> , 21: 473-482 (2003)
	Turner et al., "MN antigen expression in normal, preneoplastic, and neoplastic esophagus: A clinicopathological study of a new cancer-associated biomarker," <u>Human Pathol</u> , 28: 740-744 (1997)
	Uemura et al., "MN/CA IX/G250 as a potential target for immunotherapy of renal cell carcinomas," <u>Br. J. Cancer</u> , 81:741-746 (1999)
	Wykoff et al. "Hypoxia-inducible expression of tumor-associated carbonic anhydrases," <u>Cancer Res</u> , 60: 7075-7083 (2000)
	Zavada et al., "Expression of MaTu-MN protein in human tumor cultures and in clinical specimens," <u>Int J Cancer</u> , 54: 268-274 (1993)
	Zhong et al., "Overexpression of hypoxia-inducible factor 1alpha in common human cancers and their metastases," <u>Cancer Res</u> , 59: 5830-5835 (1999)
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